Depth 6	Contents 7	Reference to last Measurement 8

Final bill
Recorded on:- 30.07.2016 SBRNO = 76/16-17 21/9/16 Work Code:- 006-15-0000-36

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Letter of Acceptance Note:- 02-05-16
Work order No:- BBMP/EE/BTP/W.O/27/2016-2017. Note 05-05-2016.
Serial No. .....
Name of Work Improvements to Roads and drains at Shabarinagara in Ward No-06. 264702
Name of Contractor of nature of Agency Y.R. Sridhar, #987, old middle School Road, Yelahanka Bangalore-64
Date of commencement of work ..... 12.05.2016 ..... Est Cost Rs:- 3000 Lakhs

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(1)	KSRB 2-1-1: Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m. excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications & directions of the engineer in charge of the work.						
	Quantity vide, pre-measurement are recorded in this MB and Page no of:- 264771-73:-					116.73 m³	
						@ Rs. 140.00	16348.20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	② Removing B.S. slab of drain and stacking Page no. 25/ item no. 5.32 /PWD SR 2015-2016 etc as per Specifications & directions of the engineer in charge of the work.						
	Quantity vide, pre-measurement are recorded in this MB and page no of:- 264778-75 :-					1650.83 m² @ Rs. 50.00	82,541.60
	③ Refixing stone slabs of drain and pointing in cm (1:3) Page no 25/ item no. 5.33/ PWD SR 2015-2016 etc as per Specifications & directions of the engineer in charge of the work.						
	Quantity vide item no: ②:-					1650.83 m² @ Rs. 60.00	99,049.80
	④ Providing granite slabs of selected quality roughly dressed & fixed in						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cement mortar (1:6) ... Thick Page no. 28/ item ... tions & directions of ... Shobaviragara main Road:-
	1st Gross:-
	2nd Gross:-

Contents	Reference to last Measurement
7	8
Page no. 25/ item no. 5.32 directions of the engin	
recorded	
1650.83 m²	82541.60
50.00	
ion cm (1:3) Page no 25/ Specifications & direct	
ik.	
no:-(2):-1650.83 m²	99049.80
s. 60.00	
ly roughly dressed & fixed in	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264703

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cement mortar (1:6) including fixing curing etc Complete - do - 7.5 cms Thick Page no. 28/ item no 5.31.1/ PWD SR 2015-2016 etc as per specifications & directions of the engineer in charge of the work.						
	Shabbirnagara main Road:-	1×1	30.00	1.65	-	49.50	
		1×1	8.00	1.65	-	13.20	
	1st Gross:-	2×1	30.00	1.65	-	99.00	
	C/F	2×1	10.00	1.65	-	33.00	
	2nd Gross:-	2×1	30.00	1.65	-	99.00	
		2×1	20.00	1.65	-	66.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd Gross :-	2×1	30.00	1.65	-	99.00	
	DN	2×1	30.00	1.65	-	99.00	
						557.70 m²	
	Limited to schedule 'B' qty :-					550.28 m²	
					@ Rs.	650.00	357682.00
	⑤ KSRRB 300-49: Scarifying bituminous Course 50 mm to 75 mm thick along with premix Carpet/ Surface dressing by manual means with out disturbing the base and stacking of the debries materials within a lead of 100 meters including Cost of all labour charges Complete as per Specifications.						
	Quantity vide pre measurement are recorded in this mB and page No of :-	264775-264778 :-				3335.00 m²	
					@ Rs.	50.00	166750.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	⑥ KSRRB m 400-17: Prov stones aggregate to -ing the material Carriage of mixed with Paver in Sub -cting with vibratory Per Specifications. Quantity vide Pre- in this mB and Pa

K

epth 6	Contents 7	Reference to last Measurement 8
-	99.00	
-	99.00	
	557.70 m²	
ate:-	550.28 m²	3,57,682.00
@ Rs.	650.00	
ge 50 mm to 75 mm Thick		
g by manual means with		
e debries materials within		
abour charges Complete as per		
corded		
8:-	3335.00 m²	1,66,750.00
@ Rs.	50.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

264704

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(6) KSRRB m 400-17: Providing, laying Spreading and Compacting graded Stones aggregate to wet mix macadam Specifications including premix -ing the material with water at and in mechanical mix plant Carriage of mixed material of tipper to Site, laying, in uniform layers with Paver in Sub base Course on well prepared Surface and Compa -cting with vibratory roller to achieve the desired density Complete as Per Specifications.						
	Quantity vide, Pre-measurement are recorded in this and Page No of:- 264778-264781:-					667.00 m³	1141737.25
						@ Rs. 1711.75	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	⑦ KSRRB 500-4: Providing and applying prime coat @ 7.5 to 9.8 Kg and 9.8 to 12 Kg Per 10 Sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with Cut back gr.C-70 or any other bituminous mixed with diesel of 10Kg Per 10 Sqmm heated in bituminous boiler fitted with Spray Set (excluding cleaning of road surface) including Cost of all materials, labour, Hire of machineries Complete as per Specifications & directions of the engineer in charge of the work.						
	Quantity vide pre-measurement are recorded in this MB and page no of:- 264782-85:- 3335.00 m² @ Rs. 50.00						166750.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
	⑧ KSRRB gr 500-18: 25mm thick with Put of 75 tonnes Premixed with b transporting the finisher with Re cement rolling wi the desired Coop Shobavinayaru grou

OK

Depth 6	Contents 7	Reference to last Measurement 8
...ver ...ces of ...ixed ...ed ...g ...per ...work.	Cost from 7.5 to 9.8 ... of low and medium ... of granular base with ... mixed with diesel at 10Kg ... with Spray Set (exclu ... Cost of all materials, ... Specifications & direc	
...are recorded		
...85:	3335.00 m²	166750.00
..., Rs.	50.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

264705

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(8)	KSRRB m500-18: Providing and laying Semi dense bituminous Concrete 25mm thick with 100-120 TPH batch type Hmp producing an average out Put of 75 tonnes per hour using Crushed aggregates of specified grading Premixed with bituminous binder at 4.5 to 5% of mix and filter, transporting the hot mix to works site, laying with a hydrostatic Paver finisher with Sensor Control to the required grade, level and align ment. rolling with Smooth wheeled, vibratory and tandem roller to achieve the desired Compaction as per MORTH Specifications..						
	Shobavinayaga main Road:-	1	15.00	$\frac{6.10+6.50}{2}$	0.025	2.36	
		1	15.00	$\frac{6.50+6.60}{2}$	0.025	2.46	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C&FC.	1	15.00	$\frac{6.60+6.40}{2}$	×0.025	2.43	
		1	15.00	$\frac{6.40+6.40}{2}$	×0.025	2.40	
		1	15.00	$\frac{6.40+6.60}{2}$	×0.025	2.43	
		1	15.00	$\frac{6.60+6.50}{2}$	×0.025	2.45	
	C.S.R. (Bill No. 3) 31/01	1	12.00	$\frac{6.50+7.50}{2}$	×0.025	2.10	
	1st Cross Road:	1	15.00	$\frac{5.50+4.50}{2}$	×0.025	1.87	
	C&FC.	1	10.00	$\frac{5.00+6.60}{2}$	×0.025	1.32	
	C.S.R. only	1	15.00	$\frac{5.60+4.90}{2}$	×0.025	1.96	
	31/01	1	15.00	$\frac{4.90+4.70}{2}$	0.025	1.80	
	C.S.R. (Bill No. 3)						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	C.S.R. only	
	C&FC. 31/01	
	C.S.R. (Bill No. 3)	

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
50+6.40 / 2	×0.025	2.43	
40+6.40 / 2	×0.025	2.40	
40+6.60 / 2	×0.025	2.43	
60+6.50 / 2	×0.025	2.45	
50+7.50 / 2	×0.025	2.10	
50+4.50 / 2	×0.025	1.87	
00+6.60 / 2	×0.025	1.32	
6.60+4.90 / 2	×0.025	1.96	
4.90+4.70 / 2	0.025	1.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264706

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15.00	4.70+5.00 / 2	0.025	1.81	
		1	15.00	5.00+4.70 / 2	0.025	1.81	
		1	15.00	4.70+4.90 / 2	0.025	1.80	
		1	15.00	4.90+4.80 / 2	0.025	1.81	
	C&F.C.	1	15.00	4.80+4.70 / 2	0.025	1.78	
	Mul	1	15.00	4.70+4.70 / 2	0.025	1.76	
	C&F.C.	1	15.00	4.70+4.70 / 2	0.025	1.76	
	31/01	1	13.60	4.70+5.00 / 2	0.025	1.64	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd Cross Road:-	1	15.00	$\frac{5.20+4.50}{2}$	0.025	1.82	
		1	15.00	$\frac{4.50+4.50}{2}$	0.025	1.68	
		1	15.00	$\frac{4.50+4.50}{2}$	0.025	1.68	
		1	15.00	$\frac{4.50+4.50}{2}$	0.025	1.68	
		1	15.00	$\frac{4.50+4.50}{2}$	0.025	1.68	
		1	15.00	$\frac{4.50+4.60}{2}$	0.025	1.70	
		1	15.00	$\frac{4.60+4.40}{2}$	0.025	1.68	
		1	15.00	$\frac{4.40+4.40}{2}$	0.025	1.65	
		1	15.00	$\frac{4.40+4.30}{2}$	0.025	1.63	
		1	15.00	$\frac{4.30+4.40}{2}$	0.025	1.63	

Cafe on

C.A.F.E. 31/01

ಕಾ.ಅ. (ಬಾ.ಪ)

M. A
Me

Serial No. .....

Name of Work ..... From

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	3rd Cross Road:-	1
		1
		1
		1
		1
		1
		1

Cafe on

C.A.F.E. 31/01

ಕಾ.ಅ. (ಬಾ.ಪ)

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.025	1.82	
0.025	1.68	
0.025	1.68	
0.025	1.68	
0.025	1.68	
0.025	1.70	
0.025	1.68	
0.025	1.65	
0.025	1.63	
0.025	1.63	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264707

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	3rd Cross Road:-	1	7.50	$\frac{4.40+6.00}{2}$	0.025	0.97	
		1	14.00	$\frac{5.40+6.30}{2}$	0.025	2.05	
		1	15.00	$\frac{6.30+5.30}{2}$	0.025	2.18	
		1	15.00	$\frac{5.30+5.50}{2}$	0.025	2.03	
	C&R on	1	15.00	$\frac{5.50+5.00}{2}$	0.025	1.97	
		1	15.00	$\frac{5.00+5.20}{2}$	0.025	1.91	
	C&FC @ 3.101	1	15.00	$\frac{5.20+4.60}{2}$	0.025	1.84	
	B.B. (W.O.)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	$\frac{4.60+4.10}{2}$	0.025	1.63	
		1	15.00	$\frac{4.10+4.10}{2}$	0.025	1.54	
		1	15.00	$\frac{4.10+4.60}{2}$	0.025	1.63	
		1	15.00	$\frac{4.60+4.50}{2}$	0.025	1.71	
	Site	1	15.00	$\frac{4.50+5.90}{2}$	0.025	1.95	
	"	1	5.20	$\frac{5.90+6.40}{2}$	0.025	0.80	
	C/F.C.	1	15.00	$\frac{6.40+5.20}{2}$	0.025	2.18	
	31/01	1	15.00	$\frac{5.20+4.80}{2}$	0.025	1.88	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Site	
	"	

(9) Lead for disposal of debris -Col earth including loo as per specifications & dire

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	$\frac{4.60+4.10}{2}$	0.025	1.63	
	$\frac{4.10+4.10}{2}$	0.025	1.54	
	$\frac{4.10+4.60}{2}$	0.025	1.63	
	$\frac{4.60+4.50}{2}$	0.025	1.71	
	$\frac{4.50+5.90}{2}$	0.025	1.95	
	$\frac{5.90+6.40}{2}$	0.025	0.80	
	$\frac{5.40+5.20}{2}$	0.025	2.18	
	$\frac{5.20+4.80}{2}$	0.025	1.88	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
264708

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	cite om	1	15.00	$\frac{4.80+4.75}{2}$	0.025	1.79	
		1	15.00	$\frac{4.75+4.70}{2}$	0.025	1.77	
		1	15.00	$\frac{4.70+4.70}{2}$	0.025	1.76	
						83.38 m³	7,71,265.00
					@ RS.	9250.00	

Lead for disposal of debries shall be payable at Carriage rates by mechanical means including loading and unloading from 0.00 to 2.00 km etc as per specifications & directions of the engineer in charge of the work.

MEASUREMENT BOOK

28,09,939-

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide item no: ① :- 116.73 m³ @ Rs. 67.00				Σ 7820.91	
		Total bill Amount Rs= ~~28,07977.00~~ 28.09.939-/-					

site

Assistant Executive Engineer
B.B.M.P. Bangalore Division
30/7

CERTIFICATE

① Certified that the above work done is satisfactorily Completed.

② Certified that there is no debries have been cleared to site.

30.7.2016

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3

L=102m

Main Road

30.7.2016

NT BOOK

28.09.939-

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
de item no: ①: 116.73 m³ @Rs. 67.00			₹820.91
l bill Amount Rs= ~~28.07977.00~~ 28.09.939-/-			
done is satisfactorily Completed. debries have been cleared to site.			

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

R. 57 (Rule 116)
surement Book

No. B

264709

Serial No. .....
Name of Work ..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			L=169.2m				
	3rd cross						
	Shabari Nagara Layout		L=157.50m				
	2nd cross						
			L=173.6m				
	1st cross						
	L=102m Mathikere Main Road						

30.7.20

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಕಟ್ಟು ಮೊಬಲಗು ರೂ 28,09,938-೮ ಗಳಿಗೆ ಮಾತ್ರ ಮಾತ್ರವೆ : ಇದರಲ್ಲಿ ರೂ 213555-೮ ಮುಂದಾಗಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ 25,96,383-೮ ಈ ಪತ್ರಿಕೆಯಲ್ಲಿ ಲಭ್ಯ ಕೊಟ್ಟಿರುವ ಮಾಹಿತಿ ಸಂಪೂರ್ಣ ಮತ್ತು ಸರಿಯಾಗಿದೆ ಎಂದು ಪ್ರಮಾಣೀಕರಿಸಿದ್ದೇವೆ. ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್					To Total Rs: 28,09,938-೮ IT - 28099-೮ VAT - 112398-೮ Cess - 28099-೮ CBF - 2810-೮ LR - 42149-೮ Add: 213555-೮ Cheque: 25,96,383-೮ ಈ ಪತ್ರಿಕೆಯಲ್ಲಿ ಲಭ್ಯ ಕೊಟ್ಟಿರುವ ಮಾಹಿತಿ ಸಂಪೂರ್ಣ ಮತ್ತು ಸರಿಯಾಗಿದೆ ಎಂದು ಪ್ರಮಾಣೀಕರಿಸಿದ್ದೇವೆ.	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work .....

Date	Full description, etc, of wor
1	2